

FISCAL NOTE

SB 2036 - HB 2197

March 30, 2005

SUMMARY OF BILL: Requires the Department of Transportation to erect sound barriers along all portions of the interstate and national defense highway system where residential homes and schools are located adjacent to such interstate highway in any county having a metropolitan form of government and having a population of more than 200,000 according to the 2000 census.

ESTIMATED FISCAL IMPACT:

Increase State Expenditures – Exceeds \$9,504,000 One-Time/Highway Fund

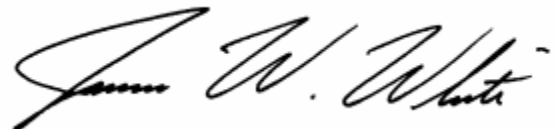
Other Fiscal Impact – Federal expenditures will increase one-time by an amount estimated to exceed \$6,336,000.

Assumptions:

- Reflective sound barrier cost is approximately \$20 to \$25 per square foot.
- Sound barrier walls are typically 15 feet in height.
- This bill is applicable to Davidson County only.
- The number of highway miles requiring sound barrier walls is unknown but reasonably estimated to exceed ten miles.
- 5,280 linear feet per mile.
- Total square footage of sound barrier walls required is estimated to exceed 792,000 (5,280 feet per mile X 10 miles X 15 feet in height = 792,000 square feet).
- Total cost of improvements is estimated to exceed \$15,840,000 (792,000 square feet X \$20 per square foot = \$15,840,000).
- 50% of total improvements qualify for 80% match in federal funding.
- One-time increase to state expenditures is estimated to exceed \$9,504,000.
- One-time increase to federal expenditures is estimated to exceed \$6,336,000.

CERTIFICATION:

This is to duly certify that the information contained herein is true and correct to the best of my knowledge.



James W. White, Executive Director